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PN - JP62200802 A 19870904

TI - LOOP ANTENNA

AB - PURPOSE: To attain the reception over a wide frequency range with simple constitution by branching a short-circuit conductor from between a feeding point of a loop conductor and a cut part and connecting a switch element thereto.

- CONSTITUTION: A part of a loop conductor 1 having feeding points F1, F2 is bent inward and a balun 6 and an amplifier 7 are arranged at the inside of a bent part 1' of the loop conductor 1. When switch elements 5a, 5b are turned off, an antenna is formed by a current flowing to the outside loop of the loop conductor 1 and the antenna is operated at a low frequency band. When the switches 5a, 5b are turned on, since the loop conductor 1 is short-circuit by short-circuit conductors 3a, 3b and 4a, 4b, the antenna is formed by the inner loop of the loop conductor 1 mainly and the antenna acts at a high frequency band.

I - H01Q5/00 ;H01Q7/00

PA - TOSHIBA CORP

IN - HIDAKA KAZUTAKA

ABD - 19880218

ABV - 012054

GR - E583

AP - JP19860042938 19860228